

**ABSTRACT**

The present invention provides a method of retransmitting a GPS signal inside a structure. The method includes receiving the GPS signal, amplifying the GPS signal to produce a second GPS signal, and retransmitting the second GPS signal inside the structure either directly or indirectly through an intermediate link in one of the unlicensed bands. The present invention may also be used for the retransmission of digital radio signals inside a structure.

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